| | | | | | | | | | | | | | 10/733,613 | | | | | | | | | ARAUJO-DA-SILVA ET AL | | | | | | | | | |
|----------|-----------------|--------------------------|------------|------------|---------|-----------------|----------------------|-----------------|----------------|-----------|----------|-----------------|---------------------|-----------------|---------|-----------|-----------------|----------------------|----------|----------|------------|-----------------------|--------|-----------------|--------------|---------|----------|---------------------|-----------------|-----|---|
| | | | | | | | | | | | Γ | Examiner Romei | | | | | | | | | Art Unit | | | | | | | | | | |
| | | | | | | | | | | | | | ر ا | Edward J. Cain | | | | | | | | | 1714 | | | | | | | | |
| | 1 1 2 | | | | | | | | | | | | | -owaro J. Gairi | | | | | | | | | 11119 | | | | | | _ | · · | |
| | (Through numer | | | | | | | | | | | | 1 | 7 | П | | | | | 1 | | | | | | | | | | | |
| | √ Rejected | | | | | | Cancelled | | | | | | erai | N Non-Elected | | | | | l | A | Appeal | | | | | | | | | | |
| | | | | | | | | | | | | | | _ | ┨ | | | | | | 1 | H | | | | | \dashv | | | | • |
| | | = Allowed | | | | + Restricted | | | | | | | 1 | I Interference | | | | | 1 | 0 | Objected | | | | | | | | | | |
| | | <u> </u> | | | | | Ц | | | | | | | | J | | | | | | J | | 1 | | | | | | | | |
| | elm | r | | | Date | | | | ::::: [| Cit | alm . | | | | Dat | ate Cla | | | | | laim | T | | - | Dat | le | | | ٦ | | |
| 1 | 1 | 1 | ہے | <u>-</u> T | | | Т | op | iii } | | | П | Т | T | T | П | TT | T | 1 | | Τ | t | | Т | Ť | Ť | П | \top | ┨ | | |
| Final | Original | 30727.05 | 10:5:5 | 3 | | | | | | Final | Original | | | | 1 | $ \cdot $ | | | | Final | Original | 1 | 1 | | | | | | - | • | |
| 12 | Įξ | 8 | M : | S | 11 | | 1 | | | Œ | हैं | | 1 | 1 | | | | l | | [| 8 | l | , | | | | | | | | |
| \— | 1 | 1 | 4 | - | ╀┤ | - | + | ╫ | | | 51 | ┼┼ | + | + | ╁ | Н | \dashv | + | - | <u> </u> | 101 | ╁╴ | H | + | +- | + | Н | \dashv | ┥ | | |
| 2 | 2 | 1 | 才 | | | | _ | ± 1 | | | 52 | | 士 | 1 | | | | | | | 102 | | 口 | 土 | I | | 口 | 二 | ゴ | | |
| 3 | 3 | Ш | ᆀ | П | \Box | \Box | \perp | \Box | | | 53 | П | 7 | Ţ | F | П | \Box | Ţ | 4 | | 103 | | H | \bot | \bot | F | П | | 4 | | |
| ٦ | 4 | H | 쑀 | 4 | + | \dashv | + | 4-1 | | | 54 55 | ╀ | + | + | + | \vdash | $\vdash \vdash$ | + | -{ | | 104 | | ┼┼ | + | +- | ╁╴ | \vdash | - | ┥ | | |
| 14 | 5 6 | ╫╢ | 쇄 | + | + | $\vdash +$ | + | + | | | 56 | $\vdash \vdash$ | + | 十 | + | ۲ | \vdash | + | ┪ | - | 106 | | | _ | \pm | 1 | Н | _ | \exists | | |
| 17 | 7 | ╫ | 케 | | \top | | _ | \Box | | | 57 | | 士 | I | | | | 工 | | | 107 | | | 1 | I | I | | | \Box | | |
| 8 | В | П | ZI. | 口 | \Box | П | \Box | \Box | | | 58 | П | \bot | \bot | I | | Щ | \bot | 4 | <u> </u> | 108 | + | ⊢ | + | +- | 4 | \vdash | $\vdash \downarrow$ | 4 | | |
| 9 | 9 | #1 | 긔 | 11 | + | $\vdash \vdash$ | 4 | + | | | 59 60 | ╂╾┼ | + | + | + | ╁ | ┝╌┼ | + | - | - | 109 110 | | ₩ | + | + | + | \vdash | $\vdash \vdash$ | \dashv | | |
| 10 | 11 | ₩ | ᄼ | ╫ | + | $\vdash \vdash$ | + | + | | - | 61 | ┯ | ┰ | + | + | + | H | + | 1 | - | 111 | Т | H | + | + | 1 | | | \exists | | |
| 12 | 12 | Ш | 力 | 廿 | \top | 口 | 士 | \pm | | | 62 | 口 | 士 | 土 | | | | | | | 112 | | П | \bot | I | I | | | \Box | | |
| 13 | 13 | 1 | _ | П | T | П | \Box | \bot | | | 63 | П | 1 | 4 | 1 | F | \Box | 4 | - | <u> </u> | 113 | | | + | + | + | ╀ | \vdash | \dashv | | |
| 14 | 14 | 10 | 4 | ₩ | +- | H | - | + | | <u> —</u> | 64 65 | ╂╌┤ | + | + | + | ╁╴ | ╁╌┤ | | - | - | 114 | | ╁┼ | ┰ | + | + | ╁ | \vdash | ┥ | | |
| 15 | 16 16 | 11 | X | †† | + | H | 十 | + | | \vdash | 66 | 1-1 | _ | _ | \pm | T | 口 | 士 | | | 116 | | 口 | 土 | | I | | | ╛ | ; | |
| C | 17 | 11 | <u>S</u> | Ш | 工 | 口 | \Box | | | | 67 | \Box | \Box | \bot | T | T | П | \Box | _ | | 117 | | П | \dashv | Ţ | Ţ | \perp | \Box | Ц | | |
| 18 | 18 | 11 | Y | 11 | 1 | \sqcup | | \perp | | <u> </u> | 68 | ╀┤ | - | + | + | ╁ | ╁┤ | \dashv | - | - | 118 | | ╁┥ | + | + | + | ╀ | \vdash | \dashv | | • |
| 120 | 19 20 | ₩ | Y | ++ | + | ╀╌┨ | - | + | | | 69 70 | ┼┤ | -+ | \dashv | ╫ | ┿ | ↤ | + | 4 | - | 120 | | ╁┼ | \dashv | + | + | 十 | H | Н | • | |
| 21 | 21 | ++ | N | + | +- | ╁┤ | + | + | | | 71 | | 一 | \top | 1 | I | | | | | 121 | | | | | 1 | T | \Box | | • | |
| u | 22 | $\perp \!\!\! \perp$ | V | П | | | | T | | | 72 | | \Box | I | I | I | П | I | | | 122 | 2 | П | \dashv | 1 | \perp | 4 | | Ц | | |
| 23 | 23 | m II | 了 | П | \perp | П | \dashv | 4- | | <u> </u> | 73 | | $\vdash \downarrow$ | + | + | +- | ╂╌┤ | ╁ | 4 | - | 123 | | ╁╌┤ | \dashv | + | + | ╁╌ | +- | $\vdash \vdash$ | | |
| य | 24 25 | | X | ₩ | +- | ╁╌┤ | + | + | ╢ | - | 74 75 | + | \dashv | + | ╅ | + | ++ | + | \dashv | - | 125 | | ╁┤ | \dashv | + | 十 | + | | H | | |
| 27 | | | 7 | 計 | 士 | 口 | | 士 | 1 | | 76 | | | | 土 | 1 | | | | | 126 | 3]_ | \Box | \exists | \downarrow | I | I | | | | |
| | 27 | 11 | П | \Box | Ţ | \Box | \Box | Ţ | | | 77 | Д | Ц | 4 | \perp | 1 | \Box | Н | 4 | <u> </u> | 127 | | ╀┤ | - | ٠, | + | ╀ | ₩ | Н | | |
| | 28 | | | \dashv | + | ╀┤ | $\vdash \vdash$ | + | | | 78 79 | | $\vdash \vdash$ | + | + | ╁ | ╁┤ | \vdash | 4 | - | 128 | ; - | ╁┪ | \dashv | + | + | + | ╁╾ | Н | | • |
| - | <u>29</u> 30 | | H | - | + | H | $\vdash \vdash$ | + | 1 | - | 80 | \top | H | + | + | + | | H | | | 130 | 1 | | | I | 土 | 上 | 匚 | | | |
| | 7 | 0 | | | 工 | | | | | | 81 | \Box | | \Box | \top | I | П | | | | 13 | Π | П | \Box | Ţ | Ţ | \perp | \Box | П | | |
| | 32 | 11 | | \Box | | \Box | П | 1 | ╢ | | 82 | | \sqcup | 4 | + | + | ╀┤ | $\vdash \vdash$ | 4 | - | 13 | | ╂═ | \dashv | + | + | ┿ | ╀ | Н | | |
| <u> </u> | 38 | . 0 | ₽ | - | + | ╁ | ┥ | + | ╢ | - | 83 64 | + | H | \dashv | + | ┿ | \dashv | ╁ | - | - | 13 | | ┿ | \dashv | + | + | + | \vdash | Н | | |
| | +# | 18 | \vdash | + | + | ╁╌ | $\vdash \vdash$ | + | ╣ | | 85 | | H | + | 十 | \dagger | \top | | | | 13 | | 力 | | 士 | 士 | 1 | 匚 | | | |
| <u> </u> | 20 | न ० | | | | | | | | | 86 | | | | | I | \Box | 口 | | | 130 | _ | \Box | \Box | \Box | \bot | T | 匚 | | | |
| | 27 | <u>"</u> \(\frac{1}{2} | | \Box | T | oxdamma | П | | | | 87 | | \Box | 4 | \bot | \perp | \perp | ┥ | _ | | 13 | | ╀┤ | $\vdash \vdash$ | + | -+- | + | ╄ | \vdash | | |
| | 28 | 낡 | | \dashv | | + | ${oldsymbol{arphi}}$ | - - | - | | 88 | | ⊢⊦ | + | + | ╁ | + | ┝╌┼ | - | | 13 | | + | ⊣ | ┰ | + | + | ╁ | Н | | |
| \vdash | 40 | 0 | \vdash | + | + | +- | ┞╌┤ | + | ╣ | | 90 | | \vdash | \dashv | + | + | + | _ | _ | | 140 | | | | 士 | 土 | 工 | | | | |
| | | -10 | | | 士 | İ | | | | | 91 | | | | | \perp | | | | | 14 | | П | | \Box | | I | L | \Box | | |
| 2- | 42 | | K | | T | $oxed{\Box}$ | П | \perp | 4 | | 92 | | \Box | 7 | \perp | 4- | + | \prod | 4 | - | 14. | | + | ├-┼ | + | + | + | ╄ | - | 1 | |
| 21 | | | K | 1 | + | +- | ⊢┤ | + | - | - | 93 | | ┥ | - | + | + | + | ${oldsymbol{arphi}}$ | \dashv | - | 14 | | ┿ | $\vdash \vdash$ | + | + | + | ╁ | \vdash | { | |
| 30 | _ | | ₩ | 1 | ╅ | ╁╌ | \vdash | + | 1 | 1 | 95 | | ┰ | \dashv | + | + | T | | ┪ | | 14 | | | | 寸 | 士 | 1 | 1 | | 1 . | |
| 2 | 46 | | ~ | | 士 | | 口 | 土 | | | 96 | | | | \Box | I | L | \Box | | | 14 | | \Box | П | Ţ | T. | T | Γ | | } | |
| 37 | 47 | | V | • | Ţ | I | П | \bot | _ | | 97 | ~ | П | Ц | 4 | + | + | | 4 | - | 14 | | +- | $\vdash \vdash$ | - | - | + | ╀ | ⊢ | { | |
| 33 | 48 | | ⊬ | ٤ | + | ╁ | \vdash | + | - | - | 98 | | ╁┤ | \dashv | ╁ | + | + | \vdash | \dashv | - | 14 | | ╁ | H | \dashv | ╅ | + | + | ╁ | 1 | |
| }_ | 50 | _ | + | H | + | +- | ╁╌┦ | _ | 1 | | 10 | | \Box | | 寸 | 土 | 士 | | ╛ | | 15 | | I | 口 | ゴ | 士 | 土 | | 匚 | j | |
| _ | | | | | | | | | _ ` | | | | | | | | | | _ | | | | | | | | | | | | |

Application/Control No.

Index of Claims

Applicant(s)/Patent under Reexamination